

neutralized polyacrylic acid, hydroxypropyl cellulose, hydroxypropyl guar, fumed silica, hydrophobic silica, and mixtures thereof.

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The solid particles include non-polymeric particles that are either inorganic particles or organic particles. The inorganic particles include boron compounds; alkali earth peroxides; magnesium peroxide or calcium peroxide; iron oxide; calcium aluminate, calcium carbonate, magnesium carbonate, calcium oxide, magnesium oxide, calcium hydroxide and magnesium hydroxide and mixtures thereof; and siliceous or ceramic particles. The organic particles include gilsonite; lignosulfonates and the sodium, potassium, ammonium, calcium and magnesium salts thereof; and ethylenediaminetetraacetic acid and the salts thereof. The particles further include fertilizers selected from the group consisting of potassium nitrate, ammonium dihydrogenphosphate, ammonium nitrate, sodium nitrate ammonium phosphate, ammonium polyphosphate, potassium hydrogen phosphate, disodium hydrogen phosphate, urea, and mixtures thereof. The particles still further include pesticides selected from the group consisting of boric acid, butocarboxime, acephate (O,S,-dimethyl acetylphosphoramidothioate), dimethoate, dimehypo (disodium salt of dihydrogen S,S'-(2-dimethylaminotrimethylene)di(thiosulfate)), vamidothion (O,O-dimethyl S-2-(1-methylcarbamoylethylthio)ethyl phosphorothioate), methomyl (S-methyl (EZ)-N-(methylcarbamoyloxy)thioacetamide) and mixtures thereof. The particles even further include herbicides selected from the group consisting of dalapon (2,2 dichloropropirionic acid, sodium salt) ammonium sulfamate (2,2-dichloropropionic acid (2,2 dichloropropirionic acid, sodium salt) ammonium sulfamate), dicamba (3,6-dichloro-o-anisic acid), cacodylic acid, fomesafen (5-(2-chloro- α,α,α -trifluoro-p-tolyloxy)-N-methylsulfonyl-2-nitrobenzamide); glyphosate (N-(phosphonomethyl)glycine) and mixtures thereof. The particles yet further include fungicides selected from the group consisting of copper sulfate, fosetyl-Al aluminum tris (O-ethyl phosphonate) (ethyl hydrogen phosphonate aluminum tris (O-ethyl phosphonate)), benalaxyl (methyl N-phenylacetyl-N-2, 6-xylyl-DL-alaninate), guazatine (iminotadine (C₁₈H₄₁N₇)), kasugamycin (1L-1,3,4,2,5,6-1-deoxy-2,3,4,5,6-pentahydroxycyclhexy 2-amino-2,3,4,6-tetradecoxy-4-(α -iminoglycino)- α -D-arabino-hexopyranoside) and mixtures thereof.